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ERIAL.	HOV GENERAGED Retroffetin	TOTAL WEIGHT OF WASTE (LBS		DATE WASTE GENERATED	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
ids	Retrofitting Scale	1	0.21	3/6/85-5/8/85	<u>-5/8/85</u>	Sisteravil	e_5/18/85_	Rollins Env. Ser. (TX)	(1) (2)
ulatio	Production	n · 278	0.05	3/ <u>6/85</u> –5/8/85	3/6/85- 5/8/85	Sistersvil)	e 5/18/85	U	И П
rmino) ()		13802	1.19	. 11	11	11	11	, 1)	11 11
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•								,	
				***************************************	•				•
	•		ļ <u>,</u>				•		
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"Using a density of 3.76 kg/Cal (8.29 lbs/gal) for Therminol 60. kg PCB = (Cal)(3.76)(190 ppm)

(1) Sistersville Plant storage site - owned and operated by Union Carbide Corp.
(2) Rollins Environmental Services, Inc. (TX) Location Deer Park, Texas 106

EPARED BY J. G. Orr

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1987

ANNUAL PCB REPORT

UNION CARBIDE CORPORATION
SISTERSVILLE, WV

The state of the s									IDAN 17	01
PCB ANNUAL INVENTORY										
TAG NO.	IN-SERVICE	ESTIMATED LIQUID VOLUME (GAL)	PCB #	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	α	DMMENTS
<u>(1)</u>	NE Wall	3.1	17.6						·	
<u>(Ž)</u>	11	11	11							
<u>(37)</u>	11	11	11						4	•
(C) (L)	21	11	11							·
(5)	Comp Bldg. 12 MCC	11	. 11		•		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			A. A
(5)	11	11	11							,
_7	Steam Plant C=117E	f 1	14	1/82	1/82	Paden City	12/6/82	ENSCO	(1),(2)	**************************************
8	11 7	11	11	tı '	11	II	11	11	11	
9	Starter Fld	11	11	10/2/85	10/2/85	Sistersvil	e 10/1/86	CHEM WSTE	(4)	
10	11	11	11	H ·	tl	Plant "	n	11	11	
11	11	11	11	11	11	11	11	11	II ,	. '
12	81	#	11	11	11	11	11	tı	· 11 :	***************************************
13) 14) 15)	Sub A MCC	11.	tt				/		`	
<u> </u>	11	17	11							•
<u>(15)</u>	11	· 11	11					·		
16	Sub E1	10.0	56.8	9/16/86	9/16/86	Sistersville	8/13/87	UNISON	(5)	
17	91	11	"	ti	11	Plant,	8/13/87	UNISON	(5)	•
17 (18) (19)	Sub E1 & E2	3.1	17.6		•	•		•	• .	
<u>19)</u>	11	11	"							
(20)	11	tı	"	· ·				,		4

*Using a density of 5.675 Kg/Cal (12.5 lbs/gal) for pure PCB.

PAERITS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.
(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.

(4) 'Chemical Waste Managment Disposal Facility - Located in Emelle, Al (5) UNISON-Charlotte, N.C. 28224

UNISON-Charlotte, N.C. 28224

						LOUDIL ONLY			IEAR	1907
	•		_		PCB ANNU	AL' INVENTOR	Y			,
TAG NO	I IN-SERVICE	STIMATED LIQUID VOLUME (GAL)	PCB *	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY		COMMENTS
(21)	Sub E1 & E2	3.1	17.6							
(22)	11	11	11							
(53) (53)	91	11	11							•
(34)	. 11	11	11							
(25	1)	11	11							*
(25) (26) (27) (28) (20)	11 '	***	11							
(27)	11	11	11					***************************************		Marie Committee
28	11	11	11							<u> </u>
29)	11	ts	11							
30	Poly I Tank	11	11	12/26/85	12/26/85	Sistersvil	e 10/1/86	CHEM WSTE	(4)	
31	11	"	11	tt.	- 11	Plant,	. 1)	11	Iţ	
.32	11	11	Ħ		. 11	11	11	lt.	11.	***************************************
33	11	l!		11	11	11	11	lf .	· 11	
34	70	11	н	11	. 11	11	II	11	. 11	•
35	11	11	. "	н	11	11	11	it	. 11	•
(36)	Sub G MCC	. 11 .	11							
(37)	11	11	· 11					,	ungan Tratmations (des v	
35 36) 37) (38)	Sub B MCC	Ħ	11		•					
(39) (10)	11	11	11		•					
763)	۱,		11			700				

^{*}Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

OMMENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.
(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.

(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.

(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

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	1				PCB ANNU	AL INVENTORY	•		. IEAR 1901
<u>l'ag no.</u>	IN-SERVICE LOCATION	ESTIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	
<u>(1) '</u>	Sub B MCC	3.1	17.6		- EARLING	- IAVAITVA	DIDECORL	-FALLILITY	COMMENTS
(41) (42) (43) (44)	II .	Ît	11						
113)	II.	ti	11						
(44)	tr	11	11			-			
195	\$t	11	11	**************************************					
(46)	. 11	11	11						
(117)	11	11	11						
118	11	11	11						
(49)	11	ŧı	11 -						
(50)	11	11	11						
<u>(51)</u> (52)	11	11	11						
∠52)	11	H	11					•	
53	Small Scale (SSP)	11	11	11/22/06	11/22/06	0.1.	0		
<u>53</u> ⊙િ∫	Sub D HCC	11	11	11/22/86	11/55/00	<u>Sistersvill</u> Plant	e 8/13/87	UNISON	(5)
55)	11	11	11						
56	11	11	11	2/11/06	0.144.106				
(57)	lt .	. 11	11	2/11/86	2/11/86	Sistersvil) Plant	e 10/1/86	CHEM WSTE	(4)
56 (57) (58)	Basement Bldg. 1	. 11	11	2/4/87	2/4/87	Sistersvill Plant	e		
59	11	71	11	2/4/87	2/4/87	Plant Sistersvill Plant	_	UNISON ·	(5)
(60)	11	11	11	2/4/87	2/4/87	Plant Sistersvill Plant		UNISON	(5)
Mileton	a danattu af	E FOR V-1	0-1-60) E 11-1-11 C		terani	9/13/9/	UNISON	(5)

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

XMENTS: (1) Paden City, W.V. Storage Site - O.med by Ma-Reb Corp. (2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.

(3) Institute, W. V. Storage Site - Owned and Operated by Union Carbide Corp.

(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al (5) UNISON-Charlotte, N.C. 28224

PREPARED	BY		J.	G_{\bullet}	Orr
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EPA005280

LIQU	ID F		CAPACITOR

	1				PCB ANNU	AL INVENTORY		•	
TAG NO.	IN-SERVICE	STIMATED LIQUID VOLUME (GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMENTS
	Mdg. 1	3,1	17.6	2/4/87	2/4/87	Sistersvill Plant	e 8/13/87	UNISON	(5)
65	11	11	11	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
63	. 11	11	111	11)1	11	18	16	11
64	11	11	, 11	11	11	n	l1	11	11 '
65	. 11	11	11	11	11	tt	11	tı	11
_66	II	11	11	11	11	11	11	11	11
67	11	11 .	11	,ii	91	11	11	f1	11
68	11	11	11	и.	11	0	11	11	11
_69	11	11	11	11	ş)	ll .	11	"	11
70	11	n	41	11	11	11	IJ	11	tr .
71	lt .	11	11	10	11	*1	11	11 .	·11
72	11	11	Ħ	11/6/78	11/7/78	Institute	11/8/79	Diem Waste	(3), (4)
73	11	11	11	н ,	3 11	11	ŧi	11	11
74	H	11	11	11	ti	ti .	11	11	11
<u>75</u>	II.		. 11	5/80	5/80	Paden City	12/6/82	ENSCO	(1), (2)
(16)	01d 42 MCC	11	11			•			
(77)	11	11	11	÷					
78	".	16	11	3/6/79	3/7/79	Institute	11/8/79	Them Waste	(3), (4)
79	11	11	11	ii .	"	Paden City	12/6/82	ENSCO	(1),(2)
80	11	S 11	11	11	11	11	11	11	11
			, ,						

*Using a density of 5.675 Kg/Gal (2.5 lbs/gal) for pure PCB.

OHENTS: (1) Paden City, W.V. Storage Site - Owned by Ma-Reb Corp.

(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.

(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.

(4) Chemical Waste Managment Disposal Facility - Located in Enelle, Al

(5) UNISON-Charlotte, N.C. 28224

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			_		PCB ANNUAL	INVENTORY			10111 1701
TAG NO.	I TN_SERVICE	STIMATED LIQUID VOLUME (GAL)	PCB *	DATE REMOVED FROM SERVICE	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL: FACILITY	COMMENTS
81	01d 42 MCC	3.1	17.6	3/6/79	_3/7/79	Paden City	12/6/82	ENSCO	(1), (2)
82	ti	81	11	11	11	11	11	11	11
83	ti	41	11	11	11	11	n	· 41	tt .
84	11	11	11	11	11	11	1#	11	ti ,
85	11	41	11	tr .	11 -	11	11	11	ii
86	11	11	11	11	tt	11	11	11	11
87	11	ŧ1	11		11	11	II .	11	18
88	11	11	11	11 ·	e)	tr .	11	11	11
89	ŧı	\$1	11	. 11	11	· ti	11	11	10
90	11	11	11	11 .	11	81	II .	11	1t
91	11	Ħ	11	tı	11	11	11	11	į į
92	11	\$1	11	11	11	11	11	11	11
93	Ħ	91	11	11	" .	11	11	11	11
<u> 94</u>	11	11	11	"	11	. 11	11	11	it .
91	Bldg. 33	11	. 11	10/8/87	10/8/87	Sistersvill Plant	е		•
$(9\tilde{6})$	Sub B Bank B3A	· 11	0			•			
(97)	"	11	11	•		,			
(96) (97) (98) (99)	Sub B Bank B3B	11	11		•				
(99)	11	11	"			,			_
					,				

*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for pure PCB.

THENTS: (1) Paden City, W.V. Storage Site - Owned by Mar-Reb Corp.

(2) Energy Systems Company (ENSCO) Disposal Facility - Located in El Dorado, Ark.

(3) Institute, W.V. Storage Site - Owned and Operated by Union Carbide Corp.

(4) Chemical Waste Managment Disposal Facility - Located in Emelle, Al

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630	0.4	11/15/84	N/A	N/A	See (1)	FACILITY See (1)	PCB content = 111 ppm
					•		
		,					(6/14/84 Retest)
		,					
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l		•					
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<u> </u>		***************************************					
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*Using a density of 5.675 Kg/Gal (12.5 lbs/gal) for dielectric fluid. Kg PCB = (Gal)(5.675)(PPM)

thents: (1) Transformer 25 sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to a non-PCB transformer. Shipped on 11/15/84.

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EPA005283

MATERIAL	IN-SERVICE LOCATION	(GAL)	PCB*	DATE REMOVED FROM SERVICE	DATE STORED	***************************************	DATE TRANSPORTED FOR DISPOSAL	DISPOSAL FACILITY	COMMENTS
therminol 60	Small Scale	1665	1.19	3/6-5/8 1985	3/6-5/8/	85 Sisters	5/18/85	Rollins Envir	(1)
	Production Heat Trans-	`				ville			***************************************
	fer System	•							
_		•							
Solids	. 11	1072 1bs	0.21	. 11	II	† 1	11	, 0	11
` ~~***********************************					· · · · · · · · · · · · · · · · · · ·				
Insulation	11	278 1bs	0.05	1 1	11	lt .		11	II .
•									

W-19-1							*		
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*Using a density of 3.76 Kg/Gal (8.29 lbs/gal) for Therminol 60. Kg PCB = (Gal)(3.76)(190 ppm) (1) Rollins Environmental Services, Inc. Located in Deer Park, Texas 106

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PCB ANNUAL INVLITORY LIQUID FILED POWER CAPACITORS

		Quantity :	PCB's (Kg Each)	PCB's = (Kg Total)
1.	Capacitors in Service on 12/31/87	47	17.6	827.2
•	Total	47		827.2
4.	Capacitors Removed from Service and Placed in Storage in 1987	5	-	88
·3•	Capacitors in Storage from Previous Year on 1/1/87	3	-	52.8
4.	Capacitors Transported from Storage to Disposal in 1987	.7	, -	123.2
5.	Capacitors in Storage on 12/31/87 (2+3-4)	1	-	17.6
6.	Capacitors Transported to Disposal in Previous Years	, 44	17.6	774.4
		e de la companya de l		
Tota	al of 1 + 4 + 5 + 6	99		1742.4
Cap	acitors in Service on 7/2/78	99		1742.4
		1_/ .	09	•

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V.11A.12

PCB ANNUAL INVENTORY

TRANSFORMERS

	Quantity :	PCB's . x (Kg Each) =	PCB's (Kg Total)	
1. Transformers in Service on 12/31/87	0	* ***	.0	
2. Transformers Removed from Service in 1987	0		م	
3. Transformers in Storage from Previous Year(s) on 1/1/87	0	-	o .	
**4. Transformers Transported Off-Site in 1987	0	0	0	
5. Transformers in Storage on 12/31/87 (2+3-4)	0	-	O	
6. Transformers Transported in Previous Years	1	· -	0.4	
Total of 1 + 4 + 5 + 6	1		0.4	•
*Transformers in Service on 7/2/78	1		0.4	, ·

^{*}Based on 6/14/84 retest of PCB content on Transformer #25. Retest showed 112 ppm; previously used PCB content was 99 ppm.

PREPARED BY J G. Orr ... PAGE 9 OF 11

V.021.26

^{**}Transformer sold to Electric Equipment Company (Rochester, NY) on 10/29/84 for conversion to non-PCB transformer. Shipped 11/15/84.

PCB ANNUAL INVENTORY

HEAT TRANSFER FLUIDS

		PCB's (Kg Total)
1.	Heat Transfer Fluid in Service on 12/31/87	0
2.	Heat Transfer Fluid Removed from Service and Placed in Storage in 19 87	0
3.	Heat Transfer Fluid in Storage from Previous Year on 1/1/87	0 .
Ħ.	Heat Transfer Fluid Transported from Storage to Disposal in 1987	0
5.	Heat Transfer Fluid in Storage on 12/31/87	0

PREPARED BY J. G. Orr

PAGE 10 of 11

EPA005287

Heat Transfor Fluids

	ł :	1					•	
HATERTAL	HOW GENERAGED	TOTAL WEIGHT OF WASTE (LBS	PCB*	DATE WASTE GENERATED	DATE STORED	STORAGE LOCATION	DATE TRANSPORTED FOR DISPOSAL	DYSPC FACTI
Solids	Retrofittin of Small Scale	1012	0.21	3/6/85-5/8/85	3/6/85- 5/8/85	Sistersvil	e 5/18/85	ROIII Env (TX)
Insulatio	Production Heat Transfer System	n 278	0.05	3/6/85-5/8/85	3/6/85- 5/8/85	Sistersvil)	e 5/18/85	şı
Therminol		13802	1.19	. 11	11	11	11	. 11
								
*								
• •							N.	
			<u> </u>					
d								

*Using a density of 3.76 Kg/Cal (8.29 lbs/gal) for Therminol 60. Kg PCB = (Gal)(3.76 (1) Sistersville Plant storage site - owned and operated by Union Carbide Corp. (2) Rollins Environmental Services, Inc. (TX) Location Deer Park, Texas

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